

IN THE CLAIMS

1. (currently amended): A recording apparatus that records main data divided into a plurality of units of data reproduced by a reproducing apparatus and sent through a network, the recording apparatus comprising:

recording means for recording a main data sent from said reproducing apparatus into a recording medium;

communication means for communicating with said reproducing apparatus through said network;

detection means for detecting a communication error of said main data received by said communication means;

notification means for notifying said reproducing apparatus of an occurrence of said communication error based on a detection result of communication error provided by said detection means; and

control means for controlling said recording apparatus to permit the recording again from a start position where recording of the main data started when said communication error is detected by said detection means and for controlling said communication means to send reproducing start data to said reproducing apparatus through said network to start reproducing from the start position of the main data in which said communication error was detected and to send a stop signal to said reproducing apparatus through said network to stop reproduction of other units of data.

2. (previously presented): The recording apparatus according to claim 1, wherein said control means further controls said recording apparatus to start recording said main data after receiving, from said reproducing apparatus, said main data of which reproducing was started from the starting position of the main data in which said communication error was detected.

3. (previously presented): The recording apparatus according to claim 1, further comprising

status detecting means for detecting an operating status of said reproducing apparatus, wherein

said control means controls said communication means so that said reproducing start data is transmitted after detecting that the operating status of said reproducing apparatus is in a predetermined status by said status detection means after detecting said communication error.

4. (currently amended): A reproducing apparatus that transmits main data reproduced from recording media to a recording apparatus connected through a network, the reproducing apparatus comprising:

reproducing means for reproducing predetermined main data from said recording media;

communication means for communicating with said recording apparatus through a network;

detection means for detecting error signals detected in said recording apparatus and received by said communicating means; and

control means for controlling said reproducing means to start reproducing from a reproducing start position of the main data when said detection means detects the error signals and for controlling said reproducing means to stop reproduction of other units of data not located at said start position when said detection means detects the error signal.

5. (previously presented): The reproducing apparatus according to claim 4, wherein said control means controls the reproducing means to suspend reproducing the main data until an instruction to restart reproducing is received from said recording apparatus through said network.

6. (previously presented): The reproducing apparatus according to claim 4, wherein

said control means controls said communication means to send an operating status of said reproducing apparatus to said recording apparatus through said network when a request for transmission of the operating status of said reproducing apparatus is received from said recording apparatus.

7. (currently amended): A recording/reproducing system that performs data dubbing by employing a reproducing unit that reproduces data, a recording unit that records the reproduced data, and an interface unit that transfers data in a predetermined format between said reproducing unit and said recording unit, the recording/reproducing system comprising:

transfer error detection means for detecting a transfer error of data in said interface unit;

transfer error notification means for notifying said reproducing unit of said transfer error;

reproducing retry preparation means for causing said reproducing unit to stop based on said transfer error after returning to a start of track of the data on which said transfer error occurred;

recording retry preparation means for causing said recording unit to stop based on said transfer error after returning to the start of said track of the data on which said transfer error occurred; and

retry means for sending a command to reproduced from said recording unit to said reproducing unit after causing said reproducing unit and recording unit to stop based on said transfer error after returning to the start of said track, wherein

said data dubbing is retried.

8. (previously presented): The recording/reproducing system according to claim 7, wherein

conditions at a time of retry performed by said retry means are from said reproducing unit to said recording unit before causing said reproducing unit and recording unit to stop based on said transfer error after returning to the start of said track.

9. (previously presented): The recording/reproducing system according to claim 7, wherein

said transfer error is due a discontinuity of transferred data.

10. (previously presented): The recording/reproducing system according to claim 7, wherein

said transfer error is due to not receiving audio signals in said predetermined format.

11. (previously presented): The recording/reproducing system according to claim 7, wherein

said transfer error is due to a reception of empty packets continued for a predetermined number of times when receiving audio signals in said predetermined format.

12. (currently amended): A recording/reproducing system that performs dubbing by employing a reproducing unit that reproduces data, a recording unit that records the reproduced data, and an interface unit that transfers data in a predetermined format between said reproducing unit and said recording unit, said recording/reproducing system comprising:

transfer error detection means for detecting a transfer error of data in said interface unit; and

suspension means for stopping said dubbing when said transfer error is detected during said dubbing; and

control means for controlling said recording unit to permit the recording again from a start position where recording of the reproduced data started when said transfer error is detected by said transfer error detection means.

13. (previously presented): The recording/reproducing system according to claim 12, wherein

said transfer error is due to an insufficiency of an isochronous resource.

14. (previously presented): The recording/reproducing system according to claim 12, wherein

said transfer error is due to an occurrence of a bus reset.

15. (previously presented): The recording/reproducing system according to claim 12, wherein

    said transfer error is due to copyright information of said transferred data prohibiting said dubbing.

16. (previously presented): A recording method for recording main data reproduced by a reproducing apparatus after dividing said main data into units of data onto a recording media, said main data being sent through a network, said recording method comprising:

    a receiving step of receiving main data sent from said reproducing apparatus;

    a detection step of detecting an error of said main data;

    a recording step of recording said main data into said recording media when no error is detected on said received data;

    a notification step of notifying said reproducing apparatus that an error is detected; and

    a standby step of standing by at a start position of recording of the main data on which said error was detected and starting reproducing of the main data on which said error was detected from the start position of the reproducing in said reproducing apparatus.

17. (previously presented): The recording method according to claim 16, further comprising

a transmitting step of transmitting an instruction to start reproducing to said reproducing apparatus so the reproducing is started from the start position where reproducing of the main data on which said error was detected is started, when standing by for starting of the reproducing apparatus.

18. (currently amended): A reproducing method for transmitting main data reproduced from a recording media by dividing the data into units and sending said units to a recording apparatus through a network, said reproducing method comprising:

a detection step of transmitting the main data reproduced from said recording media by dividing said main data into units and sending said units to said recording apparatus and detecting an error notification signal sent from said recording apparatus; and

a standby step of standing by for a restart of reproducing so that the reproducing is restarted from the position where the reproducing of main data on which an error was detected by said recording apparatus is started, when ~~it is detected~~the detection step detects that an error notification signal was sent from said recording apparatus.

19. (previously presented): The reproducing method according to claim 18, further comprising

a step of starting reproducing from the start position of the main data that is standing by for said reproducing when a reproducing start command sent from said recording apparatus is received while standing by for a restart of said reproducing.